

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	4239-66898
		Application Number	To be assigned 10/692553
		Filed	Herewith
		First Named Inventor	Court
		Art Unit	To be assigned 1636
		Examiner Name	To be assigned J.Dunston

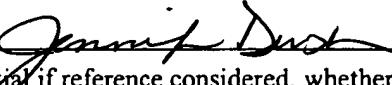
U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
JP		5,888,732	03/30/1999	Hartley et al.
JP		6,355,412	03/12/2002	Stewart et al.
JP		6,365,408	04/02/2002	Stemmer
JP		6,509,156	01/21/2003	Stewart et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
JP		WO 99/29837	06/17/1999	WIPO
JP		WO 01/04288	01/18/2001	WIPO
JP		WO 02/062988	08/15/2002	WIPO
JP		WO 02/14495 A2	02/21/2002	WIPO

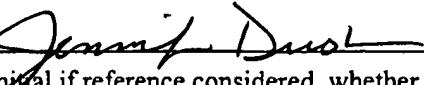
Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
JP		Bilello et al., <i>Gene Therapy</i> 10:733-749, 2003
JP		Capecci, M., "Altering the Genome by Homologous Recombination," <i>Science</i> 244: 1288-1292, June 1989.
JP		Cho et al., "δ-Integration of endo/exo-glucanase and β-glucosidase genes into the yeast chromosomes for direct conversion of cellulose to ethanol," <i>Enzyme and Microbial Technology</i> 25: 23-30, July 1999.
JP		Copeland et al., "Recombineering: a powerful new tool for mouse functional genomics," <i>Nat. Rev. Genet.</i> 2: 769-779, 2001.

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JP		Court et al., "Genetic Engineering Using Homologous Recombination", <i>Annu. Rev. Genet.</i> 36: 361-388, 2002.	
JP		Cox, "Recombinational DNA Repair of Damaged Replication Forks in <i>Escherichia coli</i> ," <i>Annu. Rev. Genet.</i> 35: 53-82, 2001.	
JP		Ellis et al., "High efficiency mutagenesis, repair, and engineering of chromosomal DNA using single-stranded oligonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 98: 6742-6746, 2001.	
JP		Harfe and Jinks-Robertson, "Mismatch repair proteins and mitotic genome stability," <i>Mut. Res.</i> 451: 151-167, 2000.	
JP		Higgins et al., "A Model for Replication Repair in Mammalian Cells," <i>J. Mol. Biol.</i> 101: 417-425, 1976.	
JP		Karakousis et al., "The Beta Protein of Phage λ Binds Preferentially to an Intermediate in DNA Renaturation," <i>J. Mol. Biol.</i> 276: 721-731, 1998.	
JP		Lee et al., "A highly efficient <i>Escherichia coli</i> -based chromosome engineering system adapted for recombinogenic targeting and subcloning of BAC DNA," <i>Genomics</i> 73: 56-65, 2001. <i>Duplicate citation</i>	
JP		Li et al., "The Beta Protein of Phage λ Promotes Strand Exchange," <i>J. Mol. Biol.</i> 276: 733-744, 1998.	
JP		Maas et al., "Multicopy single-stranded DNA of <i>Escherichia coli</i> enhances mutation and recombination frequencies by titrating MutS protein," <i>Molec. Microbiol.</i> 19: (3) 505-509, 1996.	
JP		Minuyappa et al., "The homologous recombination system of phage λ ," <i>J. Bio. Chem.</i> 261: 7472-7478, June 1986.	
JP		Moerschell et al., "Transformation of yeast with synthetic oligonucleotides," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 85: 524-528, 1988.	
JP		Murphy, K.C., "Use of bacteriophage λ recombination functions to promote gene replacement in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 180: 2063-2071, 1998.	
JP		Murphy et al., "PCR-mediated gene replacement in <i>Escherichia coli</i> ," <i>Gene</i> 246: 321-330, 2000.	
JP		Muyrers, et al., "Point mutation of bacterial artificial chromosomes by ET recombination," <i>EMBO Rep.</i> 1: 239-243, 2000.	
JP		Muyrers et al., "RecE/RecT and Red α /Red β initiate double-stranded break repair by specifically interacting with their respective partners," <i>Genes Dev.</i> 14: 1971-1982, 2000.	
JP		Muyrers et al., "Techniques: Recombinogenic engineering-new options for cloning and manipulating DNA," <i>Trends Biochem. Sci.</i> 26: 325-331, 2001.	

EXAMINER SIGNATURE: <i>Jenny Dunsdon</i>	DATE CONSIDERED: <i>2/16/2006</i>
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JP		Muyrers et al., "Rapid modification of bacterial artificial chromosomes by ET-recombination," <i>Nucleic Acids Res.</i> 27: 1555-1557, 1999.	
JP		Nistala and Sigmund, "A-reliable and efficient method for deleting operational sequences in PACs and BACs," <i>Uncle. Acid. Res.</i> 30: 10 e 41, 2002.	
JP		Passy et al., "Rings and filaments of β protein from bacteriophage λ suggests a superfamily of recombination proteins," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 96: 4279-4284, 1999.	
JP		Postow et al., "Topological challenges to DNA replication: Conformations at the fork," <i>Proc. Natl. Acad. Sci. USA</i> 98 (15): 8219-8226, 2001.	
JP		Poteete, "What makes the bacteriophage λ Red system useful for genetic engineering: molecular mechanism and biological function," <i>FEMS Microbiol. Lett.</i> 201: 9-14, 2001.	
JP		Reuven et al., <i>J. Virology</i> 77(13):7425-7433, 2003	
JP		Santucci-Darmanin et al., "The DNA mismatch-repair MLH3 protein interacts with MSH4 in meiotic cells, supporting a role for this MutL homolog in mammalian meiotic recombination," <i>Hum. Mol. Genet.</i> 11: 1697-1706, 2002.	
JP		Swaminathan et al., "Rapid Engineering of Bacterial Artificial Chromosomes Using Oligonucleotides," <i>Genesis</i> 29: 14-21, 2001.	
JP		Vellani et al., <i>J. Bacteriology</i> 185(8):2465-2474, 2003	
JP		Yang et al., "Homologous recombination based modification in Escherichia coli and germline transmission in transgenic mice of bacterial artificial chromosome," <i>Nat. Biotechnol.</i> 15: 859-865, 1997.	
JP		Yu et al., "An efficient recombination system for chromosome engineering in Escherichia coli," <i>Proc. Natl. Acad. Sci. USA</i> 97: 5978-5983, 2000.	
JP		Zhang et al., "A new logic for DNA engineering using recombination in Escherichia coli," <i>Nat. Genet.</i> 20: 123-128, 1998.	
JP		Zhang et al., "DNA cloning by homologous recombination in Escherichia coli," <i>Nat. Biotechnol.</i> 18: 1314-1317, 2000.	

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>OCT 01 2004</i> <i>PATENT & TRADEMARK OFFICE</i>		Attorney Docket Number	4239-66898-01
		Application Number	10/692,553
		Filing Date	October 23, 2003
		First Named Inventor	Court
		Art Unit	1642 1636
		Examiner Name	Not yet assigned J. Dunston

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
JD		2002/0013956	31 Jan 2002	Borts <i>et al.</i>
JD		2002/0151059	17 Oct 2002	Te Riele <i>et al.</i>
JD		5,789,166	4 Aug 1998	Bauer <i>et al.</i>
JD		6,281,000	28 Aug 2001	Chartier <i>et al.</i>

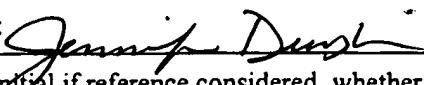
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JD		WIPO/PCT	WO 95/22625	24 Aug 1995	Stemmer <i>et al.</i>
		WIPO/PCT	WO 02/14495	21 Feb 2002	Court <i>et al.</i>

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
JD		Bubeck <i>et al.</i> , <i>Nucl. Acid. Res.</i> 21: 3601-3602, 1993
JD		Degyrase <i>et al.</i> , <i>Gene</i> 170: 45-50, 1996
JD		Hall and Koldner, <i>Proc. Natl. Acad. Sci.</i> 91: 3205-3209, 1994
JD		Jasin and Schimmel, <i>J. Bacteriol.</i> 159: 783-6, 1984.
JD		Keim and Lark, <i>J. Struct. Biol.</i> 104: 97-106, 1990
JD		Kusano <i>et al.</i> , <i>Gene</i> 138: 17-25, 1994
JD		Nussbaum <i>et al.</i> , <i>Genetics</i> 130: 37-49, 1992

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gp		Oliner et al., <i>Nucl. Acids Res.</i> 21: 5192-5197, 1993	
gp		Smith, <i>Ann Rev. Genet.</i> 21: 179-201, 1987	
gp		Symington et al., <i>J. Mol. Biol.</i> 186: 515-525, 1985	
gp		Zahrt et al., <i>Proc. Natl. Acad. Sci. USA</i> 94:9786-9791, 1997	
gp		Lloyd and Low, "Homologous Recombination," www.mbio.ncsu.edu/ESU/MB758lectures04/ES119.pdf , 1996	
gp		www-db.embl-heidelberg.de/jss/servlet/de.embl.bk.wwwTools.GroupLeftEMBL.ext.html, printed 3/20/2004	

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